



E-5036

Section 2.2
Capital Budget Grant Request Form
Watershed Plan Implementation and Flow Achievement

Project Title: WRIA 35 Riparian/Bank Storage Enhancement and Off-Stream Watering

County: Asotin, Garfield and Columbia counties

WRIA: 35

If more space is needed attach additional sheets

1. Applicant Information		
Applicant name Asotin County PUD	Phone no. (509) 758-1010	Fax no. (509) 758-1958
Address PO Box 605		
City Clarkston	State WA	Zip code 99403
Email address bjohnson@asotinpud.org		
Water right holder name (If applicable and if other than applicant) N/A	Phone Number ()	Fax Number ()
Mailing address		
City	State	Zip code

2. Project Location
Project name WRIA 35 Riparian/Bank Storage Enhancement and Off-stream Watering
Project location WRIA 35 Priority Streams
Stream reach mile or location Grande Ronde, Snake and Tucannon Rivers and Asotin, Alpowa, Deadman, Meadow and Pataha Creeks



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3. Project Type and Description

(Check all that apply)

Conservation and/or infrastructure improvement
(pumps and pipes)

☐

Water storage feasibility study

☒

Water exchange or water right acquisition

☐

Please describe your project in detail

Currently many stream sections in WRIA 35 have degraded riparian corridors. This situation contributes to the flashy nature of the streams along with the destructive erosion and large sediment loads produced. These projects work to restore or enhance the riparian areas for increased bank storage. Riparian restoration also improves water quality (sedimentation, temperature, bacteria, DO for example) through long term bank stabilization and erosion protection. In addition, the livestock that frequent these areas will be removed to increase the success of the plantings and provided with alternative water sources. These streams are home to listed summer steelhead and Chinook salmon whose instream habitat depends on sufficient flow and water quality. Many riparian habitat protection and restoration projects have been completed throughout the WRIA and there is still work that needs to be accomplished.

Use this box to make any other comments regarding the project and water rights involved

WRIA 35 Riparian Protection and Restoration is identified in both the Middle Snake Watershed Plan and is a high priority in the Detailed Implementation Plan as well as the Snake River Salmon Recovery Plan 3 Year Work Plan. Having this funding will ensure that a holistic approach to riparian protection and restoration and flow enhancement is achieved in WRIA 35 riparian areas.



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Describe the project by task (statement of work)

Task 1. Work with CD's to coordinate priority stream corridors for riparian project funding

- a. Site coordination/land owner agreements and contracts with CD's
- b. Develop cost-estimates and eligible expenses

Task 2. Riparian Fencing Projects

- a. Install exclusion fencing along priority streams ~ 10,000 ft

Task 3. Riparian Planting Projects

- a. Plant native trees and shrubs on streambanks within fenced corridor ~ 20,000 trees

Task 4. Alternative water developments outside riparian fencing areas for domestic animals

- a. Install pipelines, storage tanks and stock tanks for water developments at ~ 7 sites

Task 5. Manure management at ~ 7 sites

- a. Install storage basins or cement pad areas where manure can dry and be handled

4. Project Budget

Project Budget

\$220,000 from Ecology --- total estimate of \$250,000

Total budget by project task or by expenditure

Task 1a.	\$7,000
Task 1b.	\$3,000
Task 2a.*	\$40,000
Task 3a.*	\$60,000
Task 4a.	\$70,000
Task 5a.	<u>\$70,000</u>
	\$250,000

* indicated where the cost-share will be used from BPA and CREP



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5. Funding Source Information

Total project amount expected to be provided by sources other than this program (dollar total and percent of project budget)

\$30,000 or 12% of total project cost which is estimated at \$250,000

Identify sources and type of funding other than through this program grant. Include expected dates of participation. Include as an attachment; letters of commitment, offer letters, application approvals, etc.

Source and type of funding: **Bonneville Power Administration**

Amount: **\$10,000**

Status: **Asotin County Conservation District contracts**

Dates of participation: **January 1, 2009 through December 31, 2010**

Source and type of funding: **Conservation Reserve Enhancement Funding**

Amount: **\$15,000**

Status: **Asotin County, Pomeroy and Columbia Conservation District contracts**

Dates of participation: **January 1, 2009 through December 31, 2010**

Source and type of funding: **EQIP Continuous CRP**

Amount: **\$5,000**

Status: **Asotin County, Pomeroy and Columbia Conservation Districts**

Dates of participation: **January 1, 2009 through December 31, 2010**

Source and type of funding:

Amount:

Status:

Dates of participation:

Source and type of funding:

Amount:

Status:

Dates of participation:

Source and type of funding:

Amount:

Status:

Dates of participation:



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6. Instream Flow and other Instream Habitat Benefits

A. Water Right Information - Attach Water Right documents

(You may skip this section if this application is for Storage Feasibility Study funding)

Water right holder's name (if other than applicant)

N/A

Phone no:

()

Fax no:

()

Address

City

State

Zip code

Complete legal description of the property attached to this water right: **N/A**

Water right number: **N/A**

Parcel number associated with this water right: **N/A**

Do you own the property proposed for this project? If not, please explain: **We will work w/local CD's**

If the grant applicant is not the water right holder, please explain the reason: **N/A**

Water source (Stream name). **Middle Snake WRIA 35 priority streams**

B. Water Usage

Has water been put to beneficial use in the past five years?

Yes ☐ No ☐ I don't know ☐

Describe that use in terms of the specific beneficial use during that period:

N/A

(Please attach any available documents that verify that use during the last five years. Include aerial photographs, power company records, flow meter records, crop type records, NRCS documentation or FSA records)



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Has beneficial use of this water ceased for a period of five or more years during any period since 1967?
Yes ☐ No ☐

Please describe the beneficial use for the water quantified under the water right discussed above.
Describe the following: purpose (examples: domestic, irrigation, municipal); system type; if irrigation, describe crop type. N/A

Quantify as nearly as possible current water use:

Instantaneous rate (QI) of use: N/A CFS

Annual rate (QA) of use N/A ACRE- FEET

Historic beneficial use quantity of the water right (highest of the last 5 years/ irrigation seasons in instantaneous and annual quantities)

N/A CFS

N/A ACRE-FEET

If irrigation, how many acres are irrigated under this water right? N/A

Are there other water rights associated with this specific water right? N/A

In order to process this pre-application ecology requires the following information (include for the previous five years; please attach copies of all documents and maps)

- ◆ Power data (contact local power utility for pump records, etc.)
- ◆ Historical crop type data (contact local FSA office)
- ◆ Flow meter records (contact local power utility)
- ◆ Aerial photos (contact local FSA office)



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C. Estimated Total Water Savings

Infrastructure projects: Estimate the water to be conserved through this project. Provide engineering or technical analysis to support this estimate.

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT
QA (ACRE-FEET)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
QI (CFS)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

D. Additional Instream Benefits

Describe other instream benefits envisioned as a result of funding this project:

WRIA 35 Riparian Protection and Restoration projects will benefit prioritized watershed with the reduction of direct domestic animal access to streams. The Conservation Reserve Enhancement Program as well as BPA and Ecology funded programs have helped to eliminate domestic animal access and provide alternative water sources since landowners were willing to fence off streams. Having funding for fencing and alternative water developments will allow for better grazing in adjacent pastures and in feedlot or calving situations, having manure management tools (that are not always eligible with the other funding sources) will enable landowners to collect and dispose of animal waste properly. In most cases in WRIA 35 the feedlots and calving areas are not near fields and having an area to store until disposal is feasible is a cost that landowners have not been able to achieve. Jumpstarting the riparian vegetation will be accomplished by planting native willows, shrubs and trees.

Water quality will be improved with streamside protection, virtually eliminating sedimentation from trampled banks and allowing grasses and trees to grow and provide bank protection. Reduction in fecal coliforms with the addition of buffers between cattle and the stream will protect water quality and having the animals drinking from wells should provide more water for instream uses (most domestic animals in WRIA 35 are on the stream during the winter-time and off in pastures during the summer-time outside the WRIA).

Improved water quality and streamside riparian vegetation are the benefits envisioned and over the long-term should help to maintain water temperature, protect water quality and quantity and improve the aesthetic of the watersheds where protection and restoration projects occur.



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7. Resources currently committed to ensure long-term performance of the proposed project (operation and maintenance).

Who is responsible for long-term operation and maintenance of the project?
Individual landowners where projects will be installed

Have operation and maintenance costs been identified? Yes ☐ No ☒
If yes, please describe:

Summarize these costs on an annual basis below:
N/A

Are measurement devices other than diversion source meters necessary to monitor compliance with the project intent or plan? Yes ☐ No ☒
If yes, please describe:

Does a water measurement device exist on the source and downstream of the proposed project?
☐ yes ☒ no

If no, will a water measurement device be installed as part of this project? Yes ☐ No ☒
If yes, describe location and operating entity:

If yes, provide the river mile:

What is the nearest stream gage downstream of the proposed project? Source name

River mile :

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8. Proponent's Readiness to Proceed

Describe status of feasibility reports, engineering design, and permits. Provide documentation for these deliverables and describe the project effort timeline as appropriate (submit two (2) copies of all required documents).

N/A – habitat protection and restoration projects will be designed to NRCS standards and specifications for fencing domestic animals off streams

Does the project proponent own the land for the proposed project? If not, does the proponent have documented access to the right of way or owns an easement to the property proposed (please attach appropriate documentation including title report as applicable).

The local Conservation Districts will work with landowners and the proper access will be gained before projects begin.

Design/Engineering Status: N/A

Pre-planning (pre - permitting)	<input type="checkbox"/>	Status:
Pre-design (design reports) (10%)	<input type="checkbox"/>	Status:
Schematic design (30%)	<input type="checkbox"/>	Status:
Design development (75%)	<input type="checkbox"/>	Status:
Construction documents (95%)	<input type="checkbox"/>	Status:
Bid documents (ready for bid)	<input type="checkbox"/>	Status:

Permit Status: N/A

SEPA	<input type="checkbox"/>	Status:
401	<input type="checkbox"/>	Status:
Dept. of Fish and Wildlife consultation	<input type="checkbox"/>	Status:
Storage and/or Secondary Use Permit	<input type="checkbox"/>	Status:
Other: (_____)	<input type="checkbox"/>	Status:
Other:(_____)	<input type="checkbox"/>	Status:
Other: (_____)	<input type="checkbox"/>	Status:



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9. Signatures (send this sheet electronically and by original signature in surface mail)

I certify that the information above is true and accurate to the best of my knowledge.

I understand that in order to process my application, I am hereby granting staff from the Department of Ecology access to the above site(s) for inspection and monitoring purposes.

If assisted in the preparation of the above application, I understand that all responsibility for the accuracy of the information rests with me.

I also understand that I may rescind this application at any time prior to signing the Agreement with no other obligations or requirements.

Bradley Johnson WRIA 35 Director 11/5/2009
(Applicant/Grant Recipient) (Date)

(Water Right Holder) (Date) ____/____/____

(Land Owner(s) of Existing Place of Use) (Date) ____/____/____

For More Information Contact:

Dave Burdick

Voice: (360) 407-6094

Email: dbur461@ecy.wa.gov

Web: <http://www.ecy.wa.gov/watershed/Index.html>

If you need this document in an alternate format, please call the Water Resources Program at 360-407-6600. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.